

ABSTRACT OF THE DISCLOSURE

A chlorine dioxide generator comprises a water eductor surrounded by a variable volume plenum. The plenum casing is threaded onto the venturi body, permitting the plenum volume and area to be modified depending on the capacity  
5 required. Chlorine and sodium chlorite may be fed tangentially into a conical plenum and reacted therein to form chlorine dioxide, which is discharged into water passing through the eductor at the venturi throat.